

Title (en)  
HEART VALVE REPAIR DEVICES FOR PLACEMENT IN VENTRICLE AND DELIVERY SYSTEMS FOR IMPLANTING HEART VALVE REPAIR DEVICES

Title (de)  
HERZKLAPPENREPARATURVORRICHTUNGEN ZUR PLATZIERUNG IN EINER HERZKAMMER SOWIE FREISETZUNGSSYSTEME ZUR IMPLANTATION VON HERZKLAPPENREPARATURVORRICHTUNGEN

Title (fr)  
DISPOSITIFS DE RÉPARATION DE VALVE CARDIAQUE POUR PLACEMENT DANS UN VENTRICULE ET SYSTÈMES DE PLACEMENT POUR IMPLANter DES DISPOSITIFS DE RÉPARATION DE VALVE CARDIAQUE

Publication  
**EP 3160394 A1 20170503 (EN)**

Application  
**EP 15753983 A 20150623**

Priority  
• US 201414315749 A 20140626  
• IB 2015001026 W 20150623

Abstract (en)  
[origin: US2015374493A1] Devices and methods for the repair of the functioning of heart valves are provided. A device may comprise a ventricular winding having a generally spiral shape, wherein the device is free of any atrial stabilizing section. A method involves positioning the device such that chords associated with the heart valve are positioned within the path of the generally spiral shape of the ventricular winding and turning the ventricular winding such that the chords move closer to the center of the ventricular winding. The ventricular winding draws the chords closer together, thereby pulling the valve leaflets closer together in order to facilitate their coaptation and proper closing. A delivery system for maneuvering and releasing a heart valve repair device comprises an applicator tube and internal rod.

IPC 8 full level  
**A61F 2/24** (2006.01)

CPC (source: CN EP IL KR US)  
**A61B 17/3468** (2013.01 - IL KR); **A61F 2/2442** (2013.01 - CN EP IL KR US); **A61F 2/2445** (2013.01 - CN EP IL KR US); **A61F 2/2457** (2013.01 - IL KR); **A61F 2/2466** (2013.01 - CN EP IL KR US); **A61B 2017/00243** (2013.01 - IL KR); **A61F 2/2457** (2013.01 - CN EP US); **A61F 2230/0091** (2013.01 - CN EP IL KR US)

Citation (search report)  
See references of WO 2015198125A1

Cited by  
US11419720B2; US11793640B2; US11357622B2; US11497602B2; US11779742B2; US11464631B2; US11491006B2; US11602429B2; US11998447B2; US11413139B2; US11389291B2; US11737872B2; US11311376B2; US11389294B2; US11617650B2; US11931254B2

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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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**US 201414315749 A 20140626**; AU 2015278871 A 20150623; CA 2951218 A 20150623; CN 201580034661 A 20150623; EP 15753983 A 20150623; EP 21158108 A 20150623; ES 15753983 T 20150623; IB 2015001026 W 20150623; IL 24934716 A 20161201; JP 2016575068 A 20150623; KR 20167033849 A 20150623; US 201715616304 A 20170607; US 201816115809 A 20180829; US 202017093176 A 20201109